

CLAIMS

- 1 1. A tray having a front end and a back end, comprising:
 - 2 a base sized for supporting a unit of electronic equipment;
 - 3 a back wall extending perpendicularly from the base at the back end of the tray;
 - 4 and
 - 5 opposing side walls spatially separated by the base, each side wall extending from
 - 6 the front end to the back end of the tray to meet the back wall, each side wall having a
 - 7 flange at the front end for attaching the tray to a mounting rail of the cabinet rack, the
 - 8 flange extending perpendicularly to that side wall away from the base, each side wall
 - 9 having at least one upper rail guide and at least one lower rail guide extending laterally
 - 10 from that side wall, the at least one lower rail guide being spatially separated from and
 - 11 opposite to the at least one upper rail guide, the upper and lower rail guides slidably
 - 12 engaging a portion of a side rail when the tray is installed in the cabinet rack.
- 1 2. The tray of claim 1, wherein the at least one upper rail guide has an upwards-facing lip
- 2 and the at least one lower rail guide has a downwards-facing lip, the upwards-facing and
- 3 downwards-facing lips simultaneously sliding into respective grooves of the portion of
- 4 the side rail when the tray is installed in the cabinet rack.
- 1 3. The tray of claim 1, wherein the at least one upper rail guide and the at least one lower
- 2 rail guide of each side wall has a horizontal section extending laterally from that side
- 3 wall, the horizontal sections opposing each other and being spatially separated such that
- 4 the portion of the side rail fits closely in between the horizontal sections.

1 4. The tray of claim 1, further comprising a tab projecting perpendicularly from the base of
2 the tray to partition the base into two sections.

1 5. An adjustable side rail for use in a cabinet rack, comprising:

2 a side rail portion for connecting to a first mounting rail of the cabinet rack; and
3 an equipment tray having a base sized for supporting a unit of electronic
4 equipment, a back wall extending perpendicularly from the base at a back end of the tray,
5 and opposing side walls spatially separated by the base, each side wall extending from
6 the front end to the back end of the tray to meet the back wall, each side wall having a
7 flange at the front end for attaching the tray to a second mounting rail of the cabinet rack,
8 the flange extending perpendicularly to that side wall away from the base, each side wall
9 having at least one upper rail guide and at least one lower rail guide extending laterally
10 from that side wall, the at least one lower rail guide being spatially separated from and
11 opposite to the at least one upper rail guide, the upper and lower rail guides slidably
12 engaging the side rail portion when the tray is installed in the cabinet rack.

1 6. The adjustable side rail of claim 5, wherein the side portion has at least one tab extending
2 from a rear end of the side rail, the at least one tab entering into a hole in the first
3 mounting rail and catching an edge of the hole when the side rail is being installed in the
4 cabinet rack.

1 7. The adjustable side rail of claim 5, wherein the side rail portion has an upper groove and
2 a lower groove extending along a length of the side rail portion, and wherein the at least
3 one upper rail guide of the tray has an upwards-facing lip and the at least one lower rail

4 guide of the tray has a downwards-facing lip, the upwards-facing lip sliding into the
5 upper groove of the side rail portion and downwards-facing lip sliding into the lower
6 groove of the side rail portion when the tray is installed in the cabinet rack.

1 8. The adjustable side rail of claim 5, wherein the at least one upper rail guide and the at
2 least one lower rail guide of each side wall has a horizontal section extending laterally
3 from that side wall, the horizontal sections opposing each other and being spatially
4 separated such that the side rail portion fits closely between the horizontal sections when
5 the equipment tray and side rail portion are slidably engaged.